WHAT IS CLAIMED IS:

1. A safety switch comprising:

a base having two terminals connected thereto and each terminal having a first contact point;

a bimetallic plate movably received in the base and two second contact points connected to two ends of the bimetallic plate, the two second contact points located above the two first contact points and the two ends of the bimetallic plate being bent when overflow;

a first spring biased between an inside of the base and the bimetallic plate, and

a button assembly connected to the base and a second spring biased between the button assembly and the bimetallic plate.

2. The safety switch as claimed in Claim **1**, wherein the bimetallic plate is supported on a support post at a center of the bimetallic plate and the first spring is biased between an inside of the base and a lower end of the support post.

3. The safety switch as claimed in Claim **2**, wherein the bimetallic plate has a hole defined through a center thereof and a top end of the support post extends through the hole and is connected to a cap, the second spring is biased between the cap and the button assembly.